

Date: Thu, 23 Jun 94 04:30:34 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #165  
To: Ham-Space

Ham-Space Digest                      Thu, 23 Jun 94                      Volume 94 : Issue 165

Today's Topics:

    <<Need sat freqs for Field Day!>>  
        DSP-12 users/programmers  
        Freqs for ham sats  
FTP Sites or freeware for Oscar TLM Decoding  
        Hamsat alias list  
        Macintosh tracking programs  
        Satellite Tracking Routines

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 23 Jun 1994 05:47:32 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!udel!  
news.udel.edu!brahms.udel.edu!not-for-mail@network.ucsd.edu  
Subject: <<Need sat freqs for Field Day!>>  
To: ham-space@ucsd.edu

Help!! Need freqs and specs for any satellites workable on HF, and  
on 10M - 2M - 440, as well as modes (CW, FM, SSB, whatever), whether  
they're mirror image, could hit with low ERP, etc.

Sorry for blanket ignorance. Tnx Bob

--

Bob Penneys, WN3K Frankford Radio Club      N.E.R.D.S.  
Internet: penneys@brahms.udel.edu    Mail: 12 E. Mill Stn. Dr., Newark, DE 19711  
Work: Ham Radio Outlet (DE) 800-644-4476, 9:30-5:30 Eastern    Fax: 302-322-8808

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Date: 22 Jun 1994 15:46:49 -0400  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!torn!nott!  
cunews!freenet.carleton.ca!freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!not-for-  
mail@network.ucsd.edu  
Subject: DSP-12 users/programmers  
To: ham-space@ucsd.edu

I have been using an L.L.Grace DSP-12 for about a year now and am happy with it. It is a very powerful piece of equipment and is under utilized with it's present firmware. Is anyone doing any programming for this device? Is firmware version 2.0 the latest? Is the AEA DSP unit programmable and if so are programs written for it compatible with the DSP-12? Any info or opinions welcomed.

Thanks  
Bruce N4USH

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Bruce M. Marshall bmm1@freenet.fsu.edu voice 615 481 0990 fax 615 481 8039

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Date: 23 Jun 1994 02:22 CDT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!  
news.umbc.edu!eff!news.duke.edu!convex!news.tcu.edu!news.tcu.edu!  
nnntp@network.ucsd.edu  
Subject: Freqs for ham sats  
To: ham-space@ucsd.edu

Anyone have a list of satellites and their uplink/downlink freqs?  
Also looking for weather satellite freqs if you gotem.

thanks

myles KG5AI

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Date: Wed, 22 Jun 1994 09:57:58 -0500  
From: psinnntp!pbs.org!jernandez.pbs.org!user@uunet.uu.net  
Subject: FTP Sites or freeware for Oscar TLM Decoding  
To: ham-space@ucsd.edu

Can someone please help me with the location of a telemetry decoding program for Oscar satellites. An FTP site would be the best, but I will

also be glad to get info on Freeware which is available.

TNX  
73  
John

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John J. Hernandez  
Communication Systems Engineer  
Public Broadcasting Service

E-Mail jernandez@pbs.org      Member:PRR Technical & Historical Society  
Phone: 703-739-5474              Southern Railway Historical Association  
Amateur Radio: KA2YAP

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Date: Thu, 23 Jun 94 04:56:31 CST  
From: pa.dec.com!facstaff.wisc.edu!djmulen@decwrl.dec.com  
Subject: Hamsat alias list  
To: ham-space@ucsd.edu

Here's a list of the various different names used by our Amateur Sats.  
I don't claim it's complete. If you know of any names or aliases I've  
missed, please send me a message and I'll update this list. N9LTD

NORAD	Common Name [Aliases]	(Parent satellite)
14129	A0-10 [OSCAR 10, Phase 3B]	
14781	U0-11 [OSCAR 11, UOSAT-B, UOSAT 2]	
16609	Mir	
18129	RS-10/11 [RS-10]	(COSMOS 1861)
19216	A0-13 [OSCAR 13, Phase 3C]	
20437	U0-14 [OSCAR 14, UOSAT-OSCAR 14]	
20438	U0-15 [OSCAR 15, UOSAT-OSCAR 15]	
20439	A0-16 [OSCAR 16, Pacsat, Microsat-A]	
20440	D0-17 [OSCAR 17, DOVE, Microsat-B]	
20441	W0-18 [OSCAR 18, WEBERSAT, Microsat-C]	
20442	L0-19 [OSCAR 19, LUSAT, Microsat-D]	
20480	F0-20 [Fuji-OSCAR 20]	(JAS 1-B)
21087	A0-21 [OSCAR 21, RS-14, RUDAK-II]	(INFORMTR-1 or INFORMATOR-1)
21089	RS-12/13 [RS-12]	(COSMOS 2123)
21575	U0-22 [OSCAR 22, UoSat 5, UOSAT-F]	
22077	K0-23 [OSCAR 23, KITSAT A, Uribyol 1]	
22654	ARSENE	
22825	A0-27 [OSCAR 27, AMRAD]	(EYESAT-1)
22826	A0-26 [ITAMSAT, IO-26, OSCAR 26]	
22829	P0-28 [POSAT, POSAT 1, OSCAR 28]	

22830 KO-25 [KITSAT B, OSCAR 25, Uribyol 2]

Errors, updates, fan mail or flames to djmullen@facstaff.wisc.edu

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Date: 22 Jun 1994 08:47:16 -0400  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!noc.near.net!chaos.dac.neu.edu!not-for-  
mail@network.ucsd.edu  
Subject: Macintosh tracking programs  
To: ham-space@ucsd.edu

Please don't forget there is also some good stuff on Oakland:

[oak.oakland.edu:/pub/hamradio/mac/space](http://oak.oakland.edu:/pub/hamradio/mac/space)

Scott

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Scott Ehrlich, Amateur Radio Callsign: wy1z  
How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]  
Boston ARC ftp archives: [ftp oak.oakland.edu /pub/hamradio](ftp://oak.oakland.edu/pub/hamradio)  
Boston ARC Web page: <http://www.acs.oakland.edu/barc.html>

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Date: 23 Jun 1994 10:33:56 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!lyra.csx.cam.ac.uk!warwick!kinguni!  
usenet%ceres@network.ucsd.edu  
Subject: Satellite Tracking Routines  
To: ham-space@ucsd.edu

I don't know whether there are any experienced programmers out there who would be willing to help me out but here is the problem. For my final-year degree project I am building an automatic satellite tracking system and I need to know how to calculate the current position of a satellite from Kepler Elements.

I presume all that is required is a few formulas, functions of time, but my maths is not up to working it out the hard way. If anyone knows what these formulas are and could mail them to me I would be grateful. (You will be sure to get your name in the acknowledgments.)

I am writing the software in C, if that helps any. Please send any mail

direct - preferably to the address as the bottom of this post - and I will summarize if there is anything of interest.

Thanks in advance,

-Niall

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Kingston-upon-Thames, London, England.  
E~Mail: niall@crystal.king.ac.uk

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"Only those who attempt the absurd, achieve the impossible!"

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End of Ham-Space Digest V94 #165

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